APPENDIX H
Volume 1 (Tables only)

Table 1. Dungeness Crab Shell Condition Stages

Stage	Shell Condition Description
3-2	Newly molted - The exoskeleton feels like parchment, is very pliable and can be easily deformed without breaking. Endocuticle mineralization has begun.
3-1	Recently molted - The entire exoskeleton has begun to harden but can still be easily deformed. The dorsal side of the carapace will bend or crush under light pressure.
2-2	Early intermediate phase - This is the main period of tissue growth. The dorsal surface of the carapace continues to harden and is now only flexible at the posterior, left and right margins. The anterior ventral edge of the carapace and upper segment of the first walking leg are very flexible but will readily spring back into shape after pressure has been applied.
2-1	Late intermediate phase - Tissue growth continues. The dorsal side of the carapace is now hard. There is little to no flex left in the posterior dorsal edge of the carapace. The anterior ventral edge of the carapace and upper segment of the first walking leg are not yet firm. Additional tissue growth and endocuticle mineralization are needed to firm the exoskeleton at these points.
1-3	New hard shell stage - The entire exoskeleton is now rigid and tissue growth, for the most part, is complete. The carapace is light gray to tan and supports little or no epifaunal growth.
1-2	Late hard shell stage - The anterior ventral edge of the carapace and upper segment of the first walking leg are now firm when moderate pressure is applied. The color of the entire exoskeleton is beginning to darken and the crab is in prime quality for market.
1-1	Pre-molt stage - The color of the ventral surface of the exoskeleton is now dark yellow or brown. The crab may show signs of age, i.e., the exoskeleton may be damaged and may support sessile epifauna and may be starting to separate at the epimeral suture.

Table 2. Parameters for Test Dumps

Disposal Water Depth (feet)	Duration (seconds) minimum	maximum	target	Depth of Accumulation (inches)
50	3	35	10	10.2
100	11	72	32	6.6
150	25	120	60	4.2
200	43	170	85	2.4

Table 3. Summary of Results with Test Dumps with Crab

Crab Size (CW)	Depth of Accumulation (inches)	Number Tested	Number Survived	Number Dead
<50 mm	2.4	5	4	1
<50 mm	4.2	14	11	3
<50 mm	6.6	10	9	1
<50 mm	10.2	11	10	1
50-100 mm	2.4	6	6	0
50-100 mm	4.2	12	7	5
50-100 mm	6.6	6	3	3
50-100 mm	10.2	11	5	6
>100 mm	2.4	1	1	0
>100 mm	4.2	4	4	0
>100 mm	6.6	5	1	4
>100 mm	10.2	3	1	2